

Manufacturers' Shipments, Inventories, and Orders

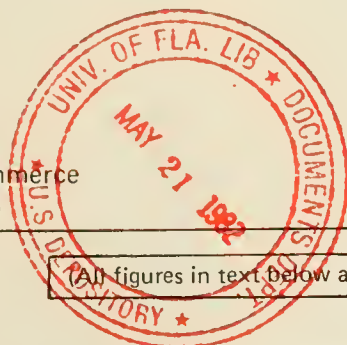
MARCH 1982

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U.S. Department of Commerce
BUREAU OF THE CENSUS



(All figures in text below are in seasonally adjusted current dollars.)

New orders for manufactured goods in March increased 0.2 percent or \$0.4 billion from February, the Department of Commerce, Bureau of the Census reported today. Excluding orders for defense capital goods, manufacturers' new orders were up \$1.1 billion or 0.7 percent to \$151.5 billion, following a 0.6 percent increase in February.

New orders for manufacturers' durable goods increased in March by \$0.3 billion or 0.4 percent to \$80.1 billion, revised from the earlier estimate of a 1.9 percent increase. Most of the revision was due to more complete reporting in the transportation equipment and fabricated metal products categories.

Within the major industry groups, new orders for electrical machinery and fabricated metal products showed the largest increases in March. For electrical machinery, new orders were up \$1.6 billion or 13.9 percent from February to \$12.9 billion. Most of this increase was attributable to orders for defense communication equipment. New orders for fabricated metals were up \$0.2 billion or 2.3 percent to \$9.8 billion.

New orders for transportation equipment, valued at \$19.1 billion, showed little change from February, as increases in the motor vehicle and parts and aircraft and parts industries were offset by large declines in shipbuilding and railroad equipment. New orders for primary metals fell for the eighth consecutive month, as both the steel and nonferrous metals industries continued downward. The March decline in primary metals was \$0.7 billion or 8.3 percent to \$7.9 billion.

New orders for nondefense capital goods were up for the first time since November. March new orders were estimated at \$22.1 billion, up \$1.0 billion or 4.8 percent from February. New orders for defense capital goods declined \$0.7 billion or 8.5 percent to \$7.9 billion, following increases of between 10 and 30 percent per month since the 1981 low last October of \$3.8 billion.

Shipments of manufactured goods declined in March \$1.1 billion or 0.7 percent to \$158.9 billion. Except for a 2.0 percent increase in February, shipments have been declining since last June when they were valued at \$171.5 billion.

Within the durable goods sector, shipments were down \$0.9 billion or 1.1 percent from February to \$79.4 billion. The largest decline was in the primary metals category where shipments fell by \$1.0 billion or 9.7 percent to \$8.9 billion, the lowest level since March 1978. Shipments by producers of transportation equipment were up in March \$0.4 billion or 2.7 percent to \$16.9 billion. Shipments by the motor vehicle and parts industry increased \$0.4 billion or 3.6 percent to \$10.3 billion, following a 10.5 percent increase in February.

Shipments by nondurable goods manufacturers declined \$0.2 billion or 0.3 percent in March to \$79.5 billion, the seventh decline in the last 8 months. The largest decreases were in petroleum products and food products shipments, each declining \$0.2 billion.

The backlog of orders of manufacturers increased \$0.5 billion or 0.2 percent to \$318.8 billion, following 6 months of declines. The backlog of orders for defense capital goods increased \$3.1 billion or 3.6 percent to \$90.6 billion. Excluding the defense orders backlog, manufacturers' unfilled orders declined \$2.6 billion or 1.1 percent for the month to \$228.3 billion.

The book value of manufacturers' inventories declined in March \$1.0 billion or 0.4 percent to \$275.2 billion, the third decline in the last 4 months. Most of the decrease came in the durable goods sector, which was down \$0.6 billion or 0.3 percent to \$183.8 billion. The inventory to shipments ratio for March was 1.73, unchanged from February.

The figures on the durable goods industries in this report supersede those issued earlier in the advance report on durable goods. The present report is based on more complete reporting, but the estimates are also considered preliminary. Final figures will appear as historical data in the report to be published for next month. The advance report on durable goods for April is scheduled for release on May 21, 1982, and the full report is scheduled for release on June 2, 1982.

Address inquiries concerning these figures to U.S. Department of Commerce, Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Ruth Runyan or Kathleen Swindell-Menth, (301) 763-2502.

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Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted										Not seasonally adjusted ¹										
		Monthly					Quarterly					Monthly										
		Mar. 1982 ^p	Feb. 1982 ^r	Jan. 1982 ^r	Dec. 1981	I 1982 ^p	IV 1981	III 1981	Last 4 months					Last 4 months a year ago								
									Mar. 1982 ^p	Feb. 1982 ^r	Jan. 1982 ^r	Dec. 1981	Mar. 1981	Feb. 1981	Jan. 1981	Dec. 1980						
TOTALS																						
	All manufacturing industries.....	158,860	159,938	156,861	161,081	475,356	487,145	508,423	167,500	161,365	144,942	155,673	175,250	167,163	152,094	157,597	1,997,775	1,845,934				
	Manufacturing industries excluding transportation.....	141,914	143,439	141,729	143,654	426,779	435,717	451,069	148,703	144,528	131,051	139,004	154,728	149,456	136,559	140,945	1,778,014	1,654,546				
	Manufacturing industries with unfilled orders.....	84,649	85,230	82,864	85,591	252,743	258,493	268,852	89,377	85,714	75,718	83,594	93,241	87,688	78,356	82,996	1,054,826	967,077				
	Durable goods industries.....	79,402	80,268	77,740	81,146	237,410	245,370	260,339	85,223	80,693	70,330	78,345	91,521	84,746	75,385	79,978	1,019,879	936,030				
	Durable goods with unfilled orders.....	67,368	68,177	66,328	68,641	201,873	207,622	217,285	71,747	68,570	60,151	67,313	76,060	70,896	63,132	67,673	852,225	782,636				
	Nondurable goods industries.....	79,458	79,670	79,121	79,935	237,940	241,775	248,084	82,277	80,672	74,612	77,328	83,729	82,416	76,709	77,619	977,896	909,903				
	Nondurable goods with unfilled orders.....	17,281	17,053	16,536	16,950	50,870	50,871	51,567	17,630	17,144	15,567	16,281	17,181	16,792	15,224	15,323	202,600	184,441				
MARKET CATEGORIES																						
	Home goods and apparel.....	12,315	12,052	11,179	11,088	35,546	34,852	37,409	12,800	12,041	9,585	9,721	12,544	12,178	10,203	10,116	145,530	135,305				
	Consumer staples.....	29,806	29,772	28,854	28,551	88,129	85,721	87,405	30,712	29,737	26,753	28,409	29,280	28,791	26,796	28,946	345,664	329,447				
	Equipment and defense products, except automotive.....	25,935	26,016	24,445	27,045	76,396	78,444	77,437	27,603	26,103	21,993	28,253	27,412	24,483	21,792	25,159	306,690	277,289				
	Automotive equipment.....	11,840	11,584	10,608	11,678	34,032	35,720	42,296	13,469	11,793	9,928	10,313	14,826	12,975	11,440	11,288	158,828	134,879				
	Construction materials, supplies, and intermediate products.....	11,515	11,288	11,333	11,392	34,136	34,881	37,353	11,559	10,611	9,412	10,508	13,125	12,236	10,827	11,854	149,928	143,458				
	Other materials, supplies, and intermediate products.....	67,449	69,226	70,442	71,327	207,117	217,527	226,523	71,357	71,080	67,271	68,469	78,063	76,500	71,036	70,235	891,128	825,553				
SUPPLEMENTARY SERIES ²																						
	Household durable goods indus- tries.....	5,278	5,138	4,880	4,921	15,296	15,243	16,146	5,574	5,077	4,154	4,583	5,598	5,276	4,377	4,626	63,343	58,493				
	Capital goods industries.....	28,307	28,344	26,902	29,377	83,553	86,183	85,974	30,136	28,690	24,356	30,697	30,049	27,367	24,184	27,899	338,562	308,368				
	Nondefense.....	23,482	23,726	22,741	24,750	69,949	72,717	73,112	25,177	24,110	20,517	25,841	25,774	23,532	20,892	24,026	288,611	267,210				
	Defense.....	4,825	4,618	4,161	4,627	13,604	13,466	12,862	4,959	4,580	3,839	4,856	4,275	3,834	3,291	3,873	29,948	41,158				
INDUSTRY GROUPS AND INDUSTRIES																						
	Durable goods industries:																					
32	Stone, clay, and glass products.....	3,767	3,825	3,877	3,822	11,469	11,527	12,278	3,830	3,541	3,239	3,400	4,277	3,903	3,476	3,665	49,051	45,518				
322	Glass containers.....	444	491	505	481	1,440	1,467	1,527	508	470	458	441	523	447	419	415	5,943	4,923				
33	Primary metals.....	8,887	9,847	10,542	9,803	29,276	31,503	35,561	9,857	10,146	9,728	9,090	12,559	12,253	11,533	10,981	137,970	134,051				
331	Blast furnaces, steel mills..	4,368	4,997	5,407	5,144	14,772	16,372	18,268	4,966	5,177	4,958	4,779	6,392	6,108	5,765	5,639	70,933	62,481				
333-9	Nonferrous and other primary metals.....	3,570	3,921	4,136	3,828	11,687	12,348	14,018	3,899	4,023	3,906	3,568	4,936	4,959	4,505	4,336	54,039	58,485				
34	Fabricated metal products.....	9,700	9,564	9,186	9,440	28,450	28,923	31,265	10,188	9,464	8,328	8,850	11,078	10,405	9,263	10,010	123,117	116,868				
341	Metal cans, barrels, and drums.....	799	864	882	872	2,545	2,481	2,441	816	817	726	696	854	856	720	737	9,991	10,199				
35	Machinery, except electrical...	16,949	17,125	16,367	17,417	50,441	51,787	51,669	18,348	17,429	14,843	17,959	18,412	16,982	15,160	16,545	204,644	182,837				
351	Engines and turbines.....	1,247	1,245	1,359	1,319	3,851	4,204	4,404	1,485	1,345	1,278	1,320	1,461	1,358	1,294	1,193	16,447	13,839				
352	Farm machinery and equipment...	891	1,029	894	1,168	2,814	3,501	3,817	1,079	1,107	846	954	1,470	1,221	1,195	1,011	14,748	13,699				
353	Construction, mining, and material-handling equipment...	3,066	3,461	3,151	3,605	9,678	10,576	10,166	3,223	3,544	3,024	3,414	3,321	3,339	3,069	2,917	40,166	35,287				
354	Metallworking machinery.....	922	952	1,007	871	2,989	2,783	2,989	996	996	889	915	1,114	1,056	857	1,045	11,636	11,185				
356	General industrial machinery...	1,367	1,402	1,404	1,485	4,173	4,439	4,383	1,431	1,441	1,258	1,476	1,543	1,374	1,130	1,376	17,174	15,987				

See footnotes at end of table.

Table 1. VALUE OF MANUFACTURES' SHIPMENTS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

SIC		Industry	Seasonally adjusted										Not seasonally adjusted ¹									
			Monthly					Quarterly					Monthly					Annual				
			Monthly					Quarterly					Last 4 months					Last 4 months a year ago				
			Mar. 1982 ^b	Feb., 1982 ^c	Jan., 1982 ^c	Dec. 1981	I 1982 ^d	IV 1981	III 1981	Mar. 1982 ^b	Feb., 1982 ^c	Jan., 1982 ^c	Dec. 1981	Mar. 1981	Feb. 1981	Jan. 1981	Dec., 1980	1981	1980			
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¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.
Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.
Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.
Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175. Shipments to Federal Government Agencies (formerly Shipments of Defense-Oriented Industries), for the specified industries.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted ¹										Annual	
		Monthly					Quarterly					Monthly						
		Mar. 1982 ^p	Feb. 1982 ^r	Jan. 1982 ^r	Dec. 1981	I 1982 ^p	IV 1981	III 1981	Last 4 months				Last 4 months a year ago				1981	1980
									Mar. 1982 ^p	Feb. 1982 ^r	Jan. 1982 ^r	Dec. 1981	Mar. 1981	Feb. 1981	Jan. 1981	Dec. 1980		
	TOTALS	159,405	159,051	156,189	159,469	474,342	478,397	511,118	168,073	161,277	148,382	154,967	177,003	169,653	157,134	161,700	1,998,049	1,860,706
	All manufacturing industries.....																	
	Manufacturing industries excluding transportation.....	140,331	139,998	139,230	143,398	419,256	431,117	451,207	147,876	143,270	131,655	139,220	156,244	151,894	139,654	144,019	1,777,241	1,658,030
	Manufacturing industries with unfilled orders.....	85,194	84,342	82,192	83,979	251,728	249,745	271,547	89,950	85,625	79,158	82,888	94,994	90,178	83,396	87,098	1,055,099	981,849
	Durable goods industries.....	80,136	79,801	77,095	79,764	237,032	237,524	263,324	85,859	81,048	73,473	77,825	93,232	86,993	80,159	83,964	1,020,808	951,169
	Durable goods with unfilled orders.....	68,102	67,709	65,683	67,259	201,494	199,776	220,270	72,383	68,924	63,294	66,793	77,771	73,143	67,906	71,658	853,154	797,775
	Nondurable goods industries.....	79,269	79,250	79,094	79,705	237,310	240,873	247,794	82,214	80,229	74,909	77,142	83,771	82,659	76,974	77,736	977,240	909,536
	Industries with unfilled orders.....	17,092	16,633	16,509	16,720	50,234	49,969	51,277	17,567	16,701	15,864	16,095	17,223	17,036	15,490	15,440	201,943	184,073
	Industries without unfilled orders.....	62,177	62,617	62,585	62,985	187,076	190,904	196,517	64,317	63,528	59,045	61,047	66,548	65,624	61,485	62,296	775,294	725,462
	MARKET CATEGORIES																	
	Home goods and apparel.....	12,505	11,893	11,177	10,989	35,575	34,123	37,402	13,032	12,031	9,586	9,477	12,771	12,602	10,329	10,044	145,479	134,892
	Consumer staples.....	29,795	29,785	28,840	28,493	88,117	85,695	87,480	30,671	29,746	26,831	28,338	29,266	28,773	26,897	28,946	345,823	329,505
	Equipment and defense products, except automotive.....	26,902	27,517	27,064	25,647	81,483	75,828	79,749	28,177	27,655	25,806	27,333	28,219	25,004	25,517	28,824	310,210	291,959
	Automotive equipment.....	11,800	11,290	10,513	11,805	33,603	35,466	42,166	13,375	11,473	10,008	10,403	14,836	13,148	11,668	11,326	158,721	133,322
	Construction materials, supplies, and intermediate products.....	11,919	11,000	10,778	11,033	33,697	34,302	37,117	12,048	10,377	9,110	10,194	13,281	12,249	10,914	11,875	149,162	142,790
	Other materials, supplies, and intermediate products.....	66,484	67,566	67,817	71,502	201,867	212,983	227,204	70,770	69,995	67,041	69,222	78,630	77,877	71,809	70,685	888,643	828,235
	SUPPLEMENTARY SERIES ²																	
	Household durable goods industries.....	5,461	5,033	4,902	4,836	15,396	14,519	16,150	5,780	5,120	4,181	4,373	5,789	5,735	4,504	4,581	63,333	58,182
	Capital goods industries.....	29,996	29,714	28,267	28,552	87,977	82,041	89,747	31,127	29,964	27,616	29,810	30,499	27,853	28,690	30,540	344,264	326,752
	Nondefense.....	22,065	21,045	21,571	22,518	64,681	67,327	71,952	23,496	22,371	20,764	23,040	25,918	22,520	24,068	24,899	281,618	270,571
	Defense.....	7,931	8,669	6,696	6,034	23,296	14,714	17,795	7,631	7,593	6,852	6,770	4,580	5,333	4,621	5,641	62,641	56,181
	INDUSTRY GROUPS AND INDUSTRIES																	
	Durable goods industries:																	
32	Stone, clay, and glass.....	3,681	3,751	3,649	3,838	11,081	11,661	12,110	3,782	3,485	3,147	3,409	4,233	3,944	3,517	3,618	48,859	45,221
33	Primary metals.....	7,871	8,584	9,153	9,378	25,608	29,580	35,490	9,106	9,551	9,455	9,866	13,401	13,042	10,926	12,094	134,411	134,057
331	Blast furnaces, steel mills.....	3,683	3,987	4,419	4,949	12,089	15,180	18,540	4,405	4,758	4,615	5,399	7,018	6,874	5,500	6,228	69,519	63,212
333-5,9	Nonferrous and other primary metal products.....	3,339	3,802	3,857	3,698	10,998	11,678	13,656	3,820	3,956	3,971	3,780	5,204	5,142	4,369	4,808	52,465	58,694
34	Fabricated metal products.....	9,772	9,555	8,757	9,270	28,084	27,814	30,759	10,381	9,406	8,131	8,711	11,205	10,447	9,377	10,232	121,692	115,993
35	Machinery, except electrical.....	14,889	15,162	15,391	17,605	45,442	51,061	51,532	16,254	16,446	14,408	17,792	18,198	17,256	16,806	17,915	204,948	182,782
351	Engines and turbines.....	843	1,410	1,183	1,730	3,436	4,396	4,343	1,050	1,485	1,032	1,767	1,451	1,214	1,646	1,160	17,146	13,329
353	Construction, mining, and material-handling equipment.....	2,488	2,863	2,969	3,271	8,320	9,955	10,520	2,666	3,087	2,833	3,323	3,707	3,662	3,520	3,358	42,130	35,673
354	Metallurgical machinery.....	640	691	774	467	2,105	1,877	2,267	762	758	662	457	1,018	910	863	933	9,183	11,028
356	General industrial machinery.....	1,285	1,304	1,405	1,460	3,994	4,361	4,504	1,323	1,402	1,351	1,378	1,531	1,381	1,382	1,261	17,581	15,186

See footnotes at end of table.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

SIC	Industry	Seasonally adjusted					Not seasonally adjusted ¹										
		Monthly				Quarterly	Monthly							Annual			
		Mar. ^p 1982	Feb. ^r 1982	Jan. ^r 1982	Dec. 1981	I 1982 ^p	IV 1981	III 1981	Mar. ^p 1982	Feb. ^r 1982	Jan. ^r 1982	Dec. 1981	Mar. 1981	Feb. 1981	Jan. 1981	Dec. 1980	
	INDUSTRY GROUPS AND INDUSTRIES-- Continued																
	Durable goods industries-- Continued																
	Electrical machinery.....	12,908	11,337	11,506	11,650	35,751	33,893	36,462	13,464	12,163	11,419	11,120	12,231	12,047	11,215	10,573	140,846
36	Electrical transmission and distribution equipment and industrial apparatus.....	1,690	1,623	1,830	1,917	5,143	5,400	5,937	1,813	1,837	1,797	1,747	2,114	2,039	1,953	1,820	22,221
361,2	Household appliances.....	1,036	949	996	963	2,981	2,981	3,249	1,099	979	891	891	1,168	1,185	1,029	995	13,116
363	Radio and TV.....	1,046	746	830	884	2,622	2,258	3,083	1,002	827	650	877	851	1,099	728	860	10,884
365	Communication equipment.....	4,914	3,572	3,619	3,397	12,105	10,020	11,105	5,067	3,821	3,850	3,443	3,670	3,157	3,500	3,228	41,578
366	Electronic components.....	2,290	2,452	2,820	2,830	7,062	7,262	6,959	2,486	2,681	2,421	2,294	2,429	2,577	2,115	1,841	26,848
367	Transportation equipment.....	19,074	19,053	16,959	16,071	55,086	47,280	59,911	20,197	18,007	16,727	15,747	20,758	17,758	17,479	17,681	202,676
37,2,6	Aircraft, missiles, and parts.....	7,714	7,166	5,785	4,657	20,665	12,055	16,839	6,862	6,027	6,092	5,543	5,576	4,105	5,395	5,240	59,381
3731	Shipbuilding and military tank vehicles.....	438	1,410	1,469	606	3,317	2,558	3,966	920	1,199	1,323	570	1,239	1,384	1,252	1,708	15,408
3795	Instruments and related products.....	4,110	4,334	3,893	4,111	12,337	12,722	12,822	4,417	4,192	3,517	4,204	4,376	4,058	3,669	4,306	50,403
38	All other durable goods industries.....	7,831	8,025	7,787	7,841	23,643	23,513	24,238	8,258	7,798	6,669	6,976	8,830	8,440	7,170	7,544	98,826
24																	
25																	
39																	

^pPreliminary.^rRevised.¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations. unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.²The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--Household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV; optical goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding.

The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

6

SIC	Industry	(Millions of dollars)																
		Seasonally adjusted						Not seasonally adjusted ¹										
		Monthly			Quarterly			Monthly			Last 4 months a year ago							
		Mar. 1982 ^p	Feb. 1982	Jan. 1982 ^r	Dec. 1981	III 1981	II 1981	I 1981	IV 1980	III 1980	Mar. 1982 ^p	Feb. 1982 ^r	Jan. 1982 ^r	Dec. 1981	Mar. 1981	Feb. 1981	Jan. 1981	Dec. 1980
	TOTALS																	
	All manufacturing industries.....	318,844	318,302	319,192	319,865	328,613	325,918	323,602	319,729	315,027	321,855	321,278	321,373	317,931	326,943	325,192	322,700	317,666
	Manufacturing industries excluding transportation.....	198,409	199,995	203,440	205,938	210,540	210,403	207,405	206,686	200,514	201,081	201,903	203,167	202,562	210,388	208,873	206,435	203,339
	Durable goods industries.....	309,226	308,495	308,964	309,611	317,460	314,477	312,598	308,815	304,133	312,050	311,412	311,064	307,918	315,727	314,017	311,769	306,995
	Nondurable goods industries.....	9,618	9,807	10,228	10,254	11,153	11,441	11,005	10,913	10,895	9,805	9,866	10,309	10,013	11,216	11,175	10,931	10,666
	MARKET CATEGORIES																	
	Home goods, apparel and consumer staples.....	4,178	4,000	4,145	4,163	4,921	4,854	4,664	3,988	4,085	4,068	3,873	3,877	3,796	4,533	4,320	3,915	3,688
	Equipment and defense products, except automotive.....	194,892	193,968	192,760	190,237	193,108	190,926	191,324	186,876	183,272	195,852	195,373	194,146	190,252	192,302	191,486	190,791	186,838
	Construction materials, supplies, and intermediate products.....	16,353	15,949	16,237	16,791	17,371	17,607	17,409	17,587	17,399	16,434	15,945	16,178	16,480	17,504	17,348	17,335	17,248
	Other materials, supplies, and intermediate products.....	103,421	104,385	106,050	108,674	113,213	112,531	110,206	111,277	110,270	105,501	106,087	107,172	107,403	112,603	112,037	110,659	109,887
	SUPPLEMENTARY SERIES ²																	
	Household durable goods indus- tries.....	3,105	2,923	3,028	3,007	3,735	3,732	3,628	2,954	3,084	2,973	2,765	2,723	2,693	3,484	3,284	2,834	2,707
	Capital goods industries.....	226,038	224,352	222,980	221,617	225,758	221,984	220,323	216,028	214,413	227,333	226,345	225,076	221,815	221,552	221,103	220,617	216,111
	Nondefense.....	135,469	136,888	139,567	140,737	146,126	147,288	147,924	147,673	147,300	136,301	137,985	139,727	139,479	148,779	148,635	149,647	146,471
	Defense ³	90,569	87,464	83,413	80,880	79,632	74,696	72,398	68,355	67,113	91,032	88,360	85,349	82,336	72,773	72,468	70,970	69,640
	INDUSTRY GROUPS AND INDUSTRIES																	
	Durable goods industries:																	
32	Stone, clay, and glass.....	1,869	1,955	2,029	2,257	2,124	2,292	2,288	2,460	2,426	1,907	1,954	2,009	2,101	2,332	2,376	2,335	2,294
33	Primary metals.....	22,932	23,947	25,210	26,599	28,521	28,595	28,955	30,248	28,010	24,273	25,023	25,619	25,893	29,361	29,818	29,029	29,456
331	Blast furnaces, steel mills.....	13,294	13,979	14,989	15,977	17,168	16,897	16,926	17,439	15,742	14,158	14,719	15,139	15,482	18,026	17,400	16,634	16,898
333-6,9	Nonferrous and other primary metal products.....	6,703	6,934	7,053	7,392	8,062	8,425	8,557	9,008	8,476	7,119	7,197	7,264	7,200	9,089	8,822	8,639	8,775
34	Fabricated metal products.....	28,378	28,306	28,318	28,746	29,856	30,362	30,134	30,189	29,800	28,484	28,289	28,349	28,545	30,125	30,082	29,969	29,969
35	Machinery, except electrical.....	69,713	71,776	73,738	74,713	75,440	75,578	74,602	74,396	72,650	70,307	72,402	73,387	73,820	75,220	75,434	73,515	73,515
351	Engines and turbines.....	18,191	18,595	18,429	18,605	18,413	18,474	18,241	17,905	17,864	18,222	18,657	18,518	18,764	18,263	18,273	18,417	18,066
353	Construction, mining, and material-handling equipment.....	9,365	9,944	10,541	10,722	11,343	10,989	9,760	8,765	8,141	9,506	10,063	10,520	10,711	9,908	9,522	9,199	8,708
354	Metalworking machinery.....	4,054	4,336	4,597	4,830	5,736	6,459	7,035	7,292	7,661	4,042	4,332	4,570	4,797	7,108	7,255	7,255	7,248
356	General industrial machinery.....	6,411	6,493	6,591	6,590	6,669	6,547	6,304	6,177	6,287	6,443	6,551	6,591	6,497	6,331	6,349	6,349	6,092

See footnotes at end of table.

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued

(Millions of dollars)

SIC	Industry group	Seasonally adjusted						Not seasonally adjusted ¹										
		Monthly			Quarterly			Monthly										
		Mar. 1982 ^p	Feb. 1982 ^r	Jan. 1982 ^r	Dec. 1981	III 1981	II 1981	I 1981	IV 1980	III 1980	Mar. 1982 ^p	Feb. 1982 ^r	Jan. 1982 ^r	Dec. 1981	Mar. 1981	Feb. 1981	Jan. 1981	Dec. 1980
36 361, 2	INDUSTRY GROUP AND INDUSTRIES-- (continued)	53,583	52,037	52,002	51,563	51,526	50,124	48,494	47,225	45,819	54,074	52,495	51,882	50,741	48,878	48,460	47,706	46,477

^pPreliminary.^rRevised.

¹Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are of the end of the period and are not adjusted for trading-day or calendar-month variations.

²The supplementary series are regroupings of the separate industry categories as follows:

household durable goods industries--Household furniture: kitchen articles and pottery; cutlery, handtools, and hardware; household appliances: radio and TV; ophthalmic goods, watches, and clocks; and miscellaneous personal goods.

Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.

Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components), the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.

Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"). for the specified industries.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES

(Millions of dollars)

SIC	Industry	Seasonally adjusted										Not seasonally adjusted ¹							
		Monthly					Quarterly					Monthly							
		Mar. 1982p	Feb. 1982r	Jan. 1982r	Dec. 1981r	III 1981	II 1981	I 1981	IV 1980	III 1980	Mar. 1982p	Feb. 1982r	Jan. 1982r	Dec. 1981r	Mar. 1981	Feb. 1981	Jan. 1981	Dec. 1980	
TOTALS																			
	All manufacturing industries.....	275,230	276,206	275,175	275,878	276,616	269,709	266,524	257,980	256,835	276,598	277,776	276,113	274,257	267,908	266,053	262,735	256,584	
	Manufacturing industries ex- cluding transportation.....	235,769	236,995	236,163	236,703	237,192	231,081	228,413	221,170	221,393	236,869	238,178	237,103	235,796	228,451	227,872	225,085	220,480	
	Manufacturing industries with unfilled orders.....	190,105	190,669	190,038	190,363	189,850	183,036	180,275	174,756	173,231	191,233	191,205	189,369	188,045	181,356	179,840	177,250	172,646	
	Durable goods industries.....	183,843	184,470	184,057	184,690	185,140	178,676	176,229	171,603	170,163	185,500	185,727	184,072	182,615	177,879	176,849	174,255	169,616	
	Durable goods with unfilled orders.....	169,113	169,500	169,053	169,391	169,027	162,821	160,227	155,430	153,986	170,225	170,260	168,826	167,559	161,290	160,058	157,847	153,761	
	Nondurable goods industries.....	91,387	91,736	91,118	91,188	91,476	91,033	90,295	86,377	86,672	91,198	92,049	92,041	91,642	90,029	89,205	88,480	86,967	
	Nondurable goods with unfilled orders.....	20,992	21,169	20,985	20,972	20,823	20,215	20,047	19,326	19,245	21,008	20,945	20,543	20,486	20,065	19,782	19,403	18,887	
MARKET CATEGORIES																			
	Home goods and apparel.....	22,029	22,610	22,717	22,773	21,982	21,410	21,201	20,663	20,395	22,020	22,390	22,291	21,914	21,210	20,837	20,492	19,895	
	Consumer staples.....	33,258	33,402	33,083	33,005	33,142	32,658	32,880	32,201	31,988	33,016	33,613	33,732	33,516	32,571	32,728	33,166	32,732	
	Equipment and defense products, except automotive.....	76,387	76,282	75,711	75,823	75,148	73,240	71,400	69,908	69,288	77,247	76,738	75,591	74,957	72,211	71,885	70,667	69,127	
	Automotive equipment.....	10,986	10,886	11,007	11,364	11,714	11,530	11,775	11,872	11,589	11,201	11,210	11,284	11,129	11,989	12,045	12,111	11,604	
	Construction materials, supplies, and intermediate products.....	21,701	21,866	22,244	22,575	23,006	22,393	21,602	21,266	20,809	22,328	22,381	22,280	22,210	22,235	22,045	21,414	20,927	
	Other materials, supplies, and intermediate products.....	110,869	111,160	110,613	110,338	111,624	108,478	107,666	102,070	102,767	110,886	111,444	110,935	110,531	107,692	106,513	104,884	102,299	
SUPPLEMENTARY SERIES																			
	Household durable goods indus- tries.....	10,608	10,837	10,902	10,880	10,719	10,250	10,236	9,992	9,980	10,640	10,802	10,721	10,594	10,278	10,119	9,901	9,730	
	Capital goods industries.....	85,836	85,921	85,215	85,289	85,074	82,376	80,456	78,245	77,469	86,545	86,176	84,850	84,088	81,109	80,457	79,221	77,180	
	Nondefense.....	71,325	71,850	71,410	71,647	72,055	69,676	68,473	67,224	67,021	72,098	72,145	71,213	70,700	69,181	68,866	67,948	66,381	
	Defense.....	16,511	14,071	13,805	13,642	13,019	12,700	11,984	11,021	10,447	14,447	14,031	13,637	13,388	11,929	11,592	11,272	10,799	
INDUSTRY GROUPS AND INDUSTRIES																			
	Durable goods industries:	6,882	6,857	6,781	6,967	7,037	6,599	6,398	6,145	6,016	7,084	7,059	6,823	6,818	6,558	6,263	6,020		
32	Stone, clay, and glass products	681	642	626	654	644	595	608	593	584	678	642	611	627	606	584	569		
322	Glass containers.....	25,415	25,486	25,236	25,194	25,087	23,334	23,640	21,976	22,022	25,157	25,566	25,633	25,643	23,391	23,313	23,136		
33	Primary metals.....	13,467	13,262	13,066	13,089	13,120	12,169	12,722	11,844	12,152	13,010	13,235	13,445	13,626	12,290	12,433	12,546		
331	Iron and steel mills.....	10,615	10,772	10,731	10,619	10,511	9,819	9,563	8,802	8,564	10,764	10,858	10,763	10,576	9,694	9,509	9,258		
333-6, 9	Nonferrous and other primary metals.....	20,085	20,422	20,334	20,314	20,440	19,973	19,812	19,773	19,395	20,469	20,469	20,463	19,979	20,219	20,132	19,394		
34	Fabricated metal products.....	1,423	1,552	1,513	1,363	1,578	1,571	1,637	1,744	1,578	1,580	1,569	1,454	1,193	1,817	1,841	1,765		
341	Metal cans, barrels, and drums.....	42,136	42,517	42,326	42,672	42,017	40,362	39,618	39,189	39,726	42,621	42,852	42,418	42,112	40,068	39,895	39,402		
35	Machinery, except electrical.....	2,522	2,533	2,516	2,552	2,585	2,423	2,423	2,674	2,457	2,530	2,551	2,521	2,538	2,432	2,481	2,465		
351	Engines and turbines.....	2,673	2,711	2,748	2,799	2,712	2,423	2,801	2,774	3,127	2,831	2,806	2,811	2,799	2,965	2,984	2,833		
352	Farm machinery and equipment.....	10,009	9,834	9,648	9,764	9,213	8,789	8,469	8,446	8,650	10,189	9,992	9,773	9,715	8,624	8,495	8,421		
353	Construction, mining, and material-handling equipment.....	2,463	2,539	2,539	2,647	2,749	2,636	2,624	2,760	2,855	2,473	2,551	2,520	2,612	2,635	2,700	2,732		
354	Metallurgical machinery.....	3,948	3,935	3,938	3,876	3,872	3,753	3,603	3,561	3,627	3,999	3,975	3,974	3,845	3,649	3,677	3,648		
356	General industrial machinery.....																		

See footnotes at end of table.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS, MARKET CATEGORIES, AND SUPPLEMENTARY SERIES--Continued
(Millions of dollars)

SIC	Industry	Seasonally adjusted				Quarterly				Monthly					Not seasonally adjusted				
		Monthly				111 1981	I 1981	IV 1980	111 1980	Last 4 months					Last 4 months a year ago				
		Mar. 1982P	Feb. 1982P	Jan. 1982P	Dec. 1981					Mar. 1982P	Feb. 1982P	Jan. 1982P	Dec. 1981P	Mar. 1981	Feb. 1981	Jan. 1981	Dec. 1980		
36	Electrical machinery.....	26,080	26,150	26,182	26,325	26,517	25,689	25,057	24,383	26,236	26,041	25,853	25,864	25,227	24,990	24,457	23,951		
361,2	Electrical transmission and distribution equipment and industrial apparatus.....	4,416	4,484	4,485	4,528	4,744	4,488	4,263	4,163	4,429	4,481	4,467	4,518	4,277	4,249	4,182	4,152		
363	Household appliances.....	1,909	1,926	1,960	1,999	2,021	1,934	1,905	1,874	1,940	1,930	1,921	1,941	1,936	1,892	1,844	1,817		
365	Radio and TV.....	1,732	1,797	1,820	1,762	1,664	1,492	1,444	1,311	1,687	1,725	1,744	1,725	1,406	1,361	1,314	1,282		
366	Communication equipment.....	9,183	9,021	8,895	8,911	8,859	8,874	8,886	8,774	9,282	9,019	8,868	8,755	8,878	8,901	8,714	8,486		
367	Electronic components.....	4,761	4,733	4,791	4,856	4,874	4,795	4,560	4,557	4,799	4,743	4,724	4,807	4,597	4,603	4,500	4,511		
37	Transportation equipment.....	39,461	39,211	39,012	39,175	38,628	38,111	36,810	35,442	39,829	39,598	39,010	38,461	38,457	38,181	37,650	36,104		
371	Motor vehicles and parts.....	8,677	8,555	8,641	8,970	9,316	9,275	9,605	9,694	8,758	8,737	8,832	8,691	9,696	9,769	9,829	9,393		
372,6	Aircraft, missiles, and parts	26,725	26,374	26,013	25,750	25,468	24,820	24,001	22,918	26,973	26,593	25,839	25,388	26,237	23,957	23,490	22,594		
3731	Shipbuilding and military																		
3795	tank vehicles.....	2,239	2,402	2,432	2,462	2,596	2,636	2,612	2,265	2,420	2,292	2,339	2,337	2,571	2,434	2,288	2,145		
38	Instruments and related	9,798	9,707	9,606	9,765	9,738	9,603	9,380	9,281	9,893	9,712	9,567	9,493	9,471	9,376	9,287	9,020		
381-4	Scientific and engineering...	6,957	6,897	6,812	6,842	6,912	6,842	6,593	6,474	7,006	6,918	6,839	6,827	6,640	6,518	6,391	6,391		
386	Photographic goods.....	2,361	2,346	2,307	2,375	2,342	2,247	2,259	2,243	2,397	2,330	2,256	2,199	2,291	2,230	2,219	2,079		
24	All other durable goods																		
25	Industries.....	13,986	14,120	14,286	14,478	14,880	14,508	14,213	14,046	14,211	14,383	14,362	14,261	14,458	14,406	14,135	13,854		
20	Nondurable goods industries:																		
201	Food and kindred products.....	20,874	21,082	21,071	21,101	21,826	21,862	22,237	22,325	20,610	21,311	21,763	21,739	21,977	22,343	22,877	23,060		
208	Meat products.....	2,223	2,150	2,071	2,013	2,067	2,267	2,272	2,271	2,241	2,183	2,079	1,987	2,289	2,310	2,290	2,239		
207	Beverages.....	3,798	3,806	3,842	3,873	3,863	3,743	3,909	3,866	3,770	3,897	3,881	3,881	4,010	3,914	3,930	3,874		
208	Fats and oils.....	1,401	1,491	1,719	1,593	1,696	1,792	2,055	2,388	1,552	1,668	1,882	1,793	1,984	2,025	2,149	2,318		
203-6,9	All other foods.....	11,667	11,821	11,641	11,866	12,481	12,656	12,476	12,428	11,212	11,821	12,177	12,389	11,984	12,386	12,790	12,987		
21	Tobacco products.....	4,391	4,309	4,343	4,243	4,366	3,570	3,689	3,507	4,558	4,611	4,634	4,494	4,828	3,946	3,715	3,715		
22	Textile mill products.....	6,430	6,441	6,469	6,688	6,642	6,504	6,518	6,386	6,573	6,564	6,496	6,504	6,662	6,647	6,666	6,612		
26	Paper and allied products.....	9,022	8,949	8,738	8,817	8,588	8,332	8,286	7,798	8,964	8,840	8,582	8,721	8,230	8,134	7,944	7,718		
261-3	Pulp, paper, etc.....	3,388	3,378	3,327	3,301	3,123	3,018	2,972	2,794	3,410	3,344	3,275	3,289	2,992	2,968	2,874	2,785		
265	Paperboard containers.....	2,368	2,352	2,321	2,385	2,337	2,255	2,188	1,973	2,351	2,314	2,289	2,347	2,071	2,101	2,047	1,942		
264	All other paper containers...	3,266	3,219	3,090	3,131	3,128	3,059	3,126	3,032	3,203	3,182	3,018	3,085	3,067	3,022	2,991	2,991		
28	Chemicals and allied products...	20,699	20,513	20,449	20,438	20,363	20,218	19,488	18,489	20,938	20,902	20,622	20,709	19,710	19,573	19,221	18,748		
281,6	Industrial chemicals, except																		
283,4	pigments.....	6,829	6,743	6,737	6,788	6,810	6,961	6,693	6,244	6,788	6,845	6,892	6,910	6,651	6,587	6,587	6,363		
29	Drugs, soap, and toiletries...	6,236	6,248	6,166	6,041	5,867	5,839	5,819	5,612	6,192	6,167	6,098	5,987	5,777	5,706	5,655	5,568		
30	Petroleum and coal products...	8,969	9,016	8,710	8,680	9,206	9,996	9,885	8,240	8,522	8,692	8,825	8,948	9,397	8,795	8,336	8,495		
30	Rubber and plastics products,																		
miscellaneous personal		5,552	5,487	5,438	5,508	5,703	5,634	5,538	5,279	5,689	5,573	5,525	5,550	5,673	5,623	5,405	5,319		
23	n.e.c.....																		
27	All other nondurable goods	15,450	15,939	15,900	15,713	15,182	14,817	14,656	14,353	15,344	15,556	15,394	14,977	14,553	14,233	14,086	13,700		
31	Industries.....																		

Preliminary. *Revised.

Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and inventories are as of the end of the period and are not adjusted for trading-day or calendar-month variations.

The supplementary series are regroupings of the separate industry categories as follows:

Household durable goods industries--household furniture; kitchen articles and pottery; cutlery, handtools, and hardware; household appliances; radio and TV, ophthalmic goods, watches, and clocks, and miscellaneous personal goods.
Capital goods industries--Comparable to the previous producers' capital goods and the defense products (old series) categories.
Nondefense products--Machinery, except electrical (excluding farm machinery and equipment and machine shops), electrical machinery (excluding household appliances, radio and TV, and electronic components) and the nondefense portions of shipbuilding and repairing and railroad equipment, communication equipment, aircraft and aircraft parts, and ordnance.
Defense products--Based on separate reports on defense work filed by large defense contractors in the following industries: Ordnance, communication equipment, aircraft and aircraft parts, and shipbuilding. The data are comparable to those published annually in the MA-175, "Shipments to Federal Government Agencies" (formerly "Shipments of Defense-Oriented Industries"), for the specified industries.

Table 5. VALUE OF MANUFACTURES' INVENTORIES, BY STAGE OF FABRICATION, BY INDUSTRY GROUP
(Millions of dollars)

Industry	Seasonally adjusted										Not seasonally adjusted									
	Monthly					Quarterly					Monthly									
	Monthly					Quarterly					Last 4 months					Last 4 months a year ago				
	Mar. 1982 ^p	Feb. 1982 ^r	Jan. 1982 ^r	Dec. 1981 ^r	(I) 1981	(II) 1981	(III) 1981	(I) 1981	(II) 1981	(III) 1980	Mar. 1982 ^p	Feb. 1982 ^r	Jan. 1982 ^r	Dec. 1981 ^r	Mar. 1981	Feb. 1981	Jan. 1981	Dec. 1980		
TOTALS																				
All manufacturing industries.....	275,230	276,206	275,175	275,878	276,616	269,709	266,524	257,980	256,835	276,698	277,776	276,113	274,257	267,908	266,053	262,735	256,584			
Durable goods industries.....	181,863	184,470	184,057	184,690	185,140	178,676	176,229	171,603	170,163	185,500	185,727	184,072	182,615	177,879	176,849	174,255	164,616			
Stone, clay, and glass products.....	6,882	6,857	6,781	6,967	7,037	6,599	6,398	6,145	6,016	7,084	7,059	6,823	6,818	6,588	6,554	6,263	6,020			
Primary metals.....	25,415	25,486	25,236	25,194	25,087	23,334	23,446	21,976	22,022	25,157	25,566	25,633	25,643	25,693	25,313	23,130	22,390			
Fabricated metals.....	20,083	20,422	20,630	20,316	20,440	19,973	19,812	19,773	19,395	20,469	20,516	20,436	19,979	20,219	20,132	19,926	19,394			
Nonferrous metals.....	42,136	42,517	42,324	42,472	42,401	40,342	39,618	39,189	39,726	42,621	42,852	42,418	42,112	40,068	39,895	39,402	38,884			
Electrical machinery.....	26,080	26,150	26,182	26,325	26,517	25,689	25,057	24,383	24,350	26,236	26,041	25,853	25,848	25,227	24,990	24,457	23,951			
Transportation equipment.....	39,461	39,211	39,012	39,175	39,424	38,628	38,111	36,810	35,442	39,829	39,598	39,010	38,461	38,457	38,181	37,650	36,104			
Instruments and related products.....	9,798	9,707	9,606	9,765	9,738	9,603	9,380	9,281	9,037	9,893	9,712	9,567	9,493	9,471	9,376	9,287	9,020			
All other durable goods industries.....	13,986	14,120	14,286	14,478	14,880	14,308	14,213	14,046	14,175	14,211	14,383	14,367	14,361	14,458	14,406	14,135	13,854			
Nondurable goods industries.....	91,387	91,736	91,118	91,188	91,476	91,033	90,295	86,377	86,672	91,198	92,049	92,041	91,642	90,029	89,205	88,480	86,967			
Chemicals and allied products.....	20,699	20,513	20,449	20,438	20,363	20,218	19,488	18,489	18,478	20,938	20,902	20,822	20,709	19,710	19,573	19,221	18,748			
Petroleum and coal products.....	8,969	9,016	8,710	8,680	9,206	9,996	9,885	8,240	8,805	8,522	8,692	8,825	8,948	9,397	8,795	8,536	8,495			
Rubber and plastics products, n.e.c.....	5,552	5,487	5,438	5,508	5,703	5,634	5,538	5,279	5,232	5,689	5,573	5,525	5,550	5,673	5,623	5,405	5,319			
All other nondurable goods industries.....	56,167	56,720	56,521	56,562	56,204	55,185	55,385	54,369	54,158	56,069	56,882	56,869	56,435	55,249	55,213	54,405	54,405			
MATERIALS AND SUPPLIES																				
All manufacturing industries.....	92,156	93,908	93,858	93,944	94,187	92,127	91,907	89,380	88,701	92,601	93,807	94,258	94,462	92,322	92,172	91,833	89,960			
Durable goods industries.....	55,611	56,905	56,845	56,822	57,495	55,816	55,495	53,808	53,587	55,510	56,607	56,871	57,041	55,407	55,599	55,326	53,998			
Stone, clay, and glass products.....	2,703	2,697	2,619	2,689	2,719	2,691	2,532	2,446	2,278	2,711	2,685	2,651	2,723	2,539	2,557	2,500	2,477			
Primary metals.....	9,402	9,476	9,332	9,357	9,315	8,849	8,741	8,924	9,000	9,175	9,365	9,495	9,786	9,175	9,418	9,593	9,328			
Fabricated metals.....	7,192	7,432	7,592	7,447	7,604	7,272	7,420	7,249	7,081	7,280	7,299	7,520	7,424	7,321	7,633	7,330	7,200			
Nonferrous metals.....	11,374	11,849	11,768	11,390	11,482	11,212	10,993	10,993	11,176	11,438	11,814	11,735	11,417	10,909	10,910	10,964	11,022			
Electrical machinery.....	7,317	7,523	7,686	7,618	7,798	7,581	7,340	7,229	7,379	7,323	7,435	7,567	7,559	7,353	7,407	7,378	7,173			
Transportation equipment.....	9,502	9,592	9,511	9,984	9,931	9,762	9,596	8,836	8,274	9,468	9,646	9,517	9,726	9,560	9,310	9,133	8,597			
Instruments and related products.....	2,788	2,907	2,916	2,832	2,854	2,885	2,845	2,786	2,852	2,808	2,884	2,903	2,826	2,853	2,831	2,863	2,777			
All other durable goods industries.....	5,333	5,429	5,421	5,505	5,572	5,364	5,350	5,345	5,347	5,307	5,479	5,483	5,580	5,497	5,533	5,463	5,424			
Nondurable goods industries.....	36,545	37,003	37,013	37,122	36,692	36,311	36,412	35,572	35,114	37,091	37,200	37,387	37,421	36,915	36,573	36,507	35,962			
Chemicals and allied products.....	7,926	7,887	7,971	7,923	7,921	7,994	7,875	7,668	7,365	8,012	7,870	7,998	7,938	7,960	7,914	7,789	7,698			
Petroleum and coal products.....	2,272	2,386	2,319	2,326	2,216	2,581	2,474	2,176	2,324	2,271	2,292	2,289	2,298	2,276	2,364	2,262	2,154			
Rubber and plastics products, n.e.c.....	2,189	2,260	2,309	2,321	2,347	2,345	2,373	2,250	2,085	2,164	2,195	2,305	2,382	2,350	2,301	2,307	2,307			
All other nondurable goods industries.....	24,158	24,470	24,414	24,552	24,210	23,391	23,690	23,478	23,340	24,644	24,843	24,795	24,803	24,129	23,994	24,155	23,803			
WORK IN PROCESS																				
All manufacturing industries.....	97,732	97,908	98,121	98,086	98,651	96,376	95,366	92,042	90,648	98,314	98,396	97,869	96,806	95,989	95,276	93,928	90,789			
Durable goods industries.....	83,569	83,634	83,683	83,713	84,083	81,769	80,584	77,935	76,691	84,286	84,246	83,537	82,478	81,347	80,708	79,624	76,725			
Stone, clay, and glass products.....	966	1,007	999	1,023	1,044	929	933	851	857	1,035	1,052	990	949	1,001	982	891	790			
Primary metals.....	10,044	10,144	10,191	9,941	9,888	9,107	8,951	7,960	7,999	9,999	10,147	10,268	9,961	8,835	8,657	8,269	7,972			
Fabricated metals.....	8,035	8,036	8,036	8,004	7,911	7,886	7,815	7,797	7,602	8,105	8,109	7,912	7,722	7,958	7,731	7,867	7,509			
Nonferrous metals.....	17,763	17,886	17,986	18,463	18,537	17,828	17,864	17,556	17,791	17,916	18,064	18,186	18,322	18,003	18,066	17,954	17,427			
Electrical machinery.....	13,590	13,508	13,416	13,551	13,551	12,893	12,893	12,452	12,116	13,669	13,485	13,290	13,282	12,980	12,851	12,472	12,206			
Transportation equipment.....	25,706	25,482	25,394	25,003	25,499	25,022	24,600	23,902	23,156	26,076	25,751	25,257	24,659	24,951	24,881	24,519	23,541			
Instruments and related products.....	4,167	4,262	4,197	4,289	4,238	4,176	4,059	4,064	3,882	4,210	4,287	4,203	4,155	4,124	4,088	3,921	3,934			
All other durable goods industries.....	3,298	3,309	3,464	3,439	3,415	3,531	3,489	3,353	3,288	3,303	3,351	3,431	3,428	3,495	3,472	3,471	3,346			
Nondurable goods industries.....	14,163	14,274	14,438	14,373	14,568	14,607	14,782	14,107	13,957	14,028	14,150	14,332	14,328	14,642	14,568	14,304	14,064			
Chemicals and allied products.....	2,662	2,664	2,677	2,600	2,718	2,715	2,740	2,508	2,368	2,686	2,664	2,667	2,639	2,762	2,647	2,600	2,546			
Petroleum and coal products.....	2,482	2,585	2,536	2,609	2,669	2,652	2,691	2,512	2,624	2,419	2,496	2,688	2,688	2,660	2,808	2,736	2,643			
Rubber and plastics products, n.e.c.....	1,086	1,054	1,026	1,048	1,055	1,031	1,006	912	907	1,090	1,073	1,063	1,065	1,011	1,023	974	929			
All other nondurable goods industries.....	7,933	7,971	8,199	8,027	8,126	8,207	8,310	8,036	7,858	7,833	7,904	8,106	7,936	8,209	8,090	7,994	7,946			
FINISHED GOODS																				
All manufacturing industries.....	85,342	84,390	83,196	83,848	83,778	81,206	79,232	76,557	77,488	85,783	85,573	83,986	82,989	79,597	78,602	76,977	75,833			
Durable goods industries.....	44,663	43,931	43,529	44,155	43,562	41,091	40,149	39,860	39,885	45,704	44,874	43,664	43,096	41,125	40,540	39,306	38,893			
Stone, clay, and glass products.....	3,213	3,153	3,163	3,235	3,274	2,979	2,933	2,848	2,881	3,338	3,322	3,182	3,146	3,048	3,035	2,872	2,753			
Primary metals.....	5,969	5,866	5,713	5,896	5,884	5,378	5,288	5,092	5,023	6,070	6,054	5,870	5,896	5,381	5,238	5,014	5,090			
Fabricated metals.....	4,858	4,954	5,002	4,863	4,925	4,815	4,577	4,727	4,712	5,024	5,108	4,994	4,833	4,740	4,768	4,429	4,685			
Nonferrous metals.....	12,999	12,782	12,570	12,619	11,998	11,302	10,931	10,640	10,759	13,267	12,974	12,497	12,373	11,156	10,919	10,484	10,435			
Electrical machinery.....	5,173	5,119	5,080	5,156	5,168	4,818	4,824	4,702	4,855	5,244	5,121	4,996	5,007	4,894	4,732	4,607	4,572			
Transportation equipment.....	4,253	4,137	4,107	4,188	3,996	3,844	3,917	4,072	4,012											

Table 6. PERCENT CHANGES AND REVISIONS FOR MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

(Based on seasonally adjusted data)

Item and industry group	Percent changes							Revisions ²		
	Month-to-month			Average monthly rates of change ¹				Year ago Mar. 1981	Average monthly	
	Feb.-Mar. 1982	Jan.-Feb. 1982	Dec. 1981-Jan. 1982	First quarter 1982	Fourth quarter 1981	Third quarter 1981	Apr. 1981 through Mar. 1982		Mar. 1981 through Feb. 1982	Mar. 1977-1981
Shipments:										
All manufacturing industries.....	-0.7	+2.0	-2.6	-0.5	+1.5	+0.6	-0.4	0.1	0.2	0.2
Durable goods industries.....	-1.1	+3.3	-4.2	-0.7	+2.0	+1.0	-0.6	0.4	0.4	0.2
Nondurable goods industries.....	-0.3	+0.7	-1.0	-0.2	+1.0	+0.1	-0.1	0.3	0.3	0.3
Inventories:										
All manufacturing industries.....	-0.4	+0.4	-0.3	-0.1	-0.1	-0.8	+0.3	0.1	0.1	0.1
New orders:										
All manufacturing industries.....	+0.2	+1.8	-2.1	0.0	+1.8	+0.5	-0.4	0.1	0.3	0.4
Durable goods industries.....	+0.4	+3.5	-3.3	+0.2	+2.6	+0.8	-0.7	0.5	0.7	0.7
Nondurable goods industries.....	0.0	+0.2	-0.8	-0.2	+1.0	+0.2	-0.1	0.2	0.3	0.2
Unfilled orders:										
Durable goods industries.....	+0.2	-0.2	-0.2	0.0	+0.8	+0.3	-0.1	0.0	0.1	0.2

- Represents zero.

¹Method of calculation of these percentages for the quarter and the 12-month time intervals reflect compounded monthly growth rates.²The revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the differences, without regard to sign, for the months specified. The advance to final percent change differences for the durable goods industries are shown in the advance report for the month.

Table 7. RATIO OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP

(Based on seasonally adjusted data)

Industry group	Inventories--shipments ratio				Unfilled orders--shipments ratio ¹ (months' backlog)			
	Mar. 1982 ^P	Feb. 1982 ^R	Jan. 1982	Dec. 1981	Mar. 1982 ^P	Feb. 1982 ^R	Jan. 1982	Dec. 1981
All manufacturing industries.....	1.73	1.73	1.75	1.71	3.77	3.73	3.85	3.74
Durable goods industries.....	2.32	2.30	2.37	2.28	4.59	4.52	4.66	4.51
Stone, clay, and glass products.....	1.83	1.79	1.75	1.82	0.56	0.59	0.60	0.68
Primary metals.....	2.86	2.59	2.39	2.57	2.58	2.43	2.39	2.71
Fabricated metals.....	2.07	2.14	2.25	2.15	3.19	3.25	3.41	3.36
Machinery, except electrical.....	2.49	2.48	2.59	2.44	4.34	4.46	4.77	4.60
Electrical machinery.....	2.30	2.31	2.37	2.36	4.72	4.61	4.70	4.62
Transportation equipment.....	2.33	2.38	2.58	2.25	11.64	11.67	12.51	10.61
Instruments and related products.....	2.42	2.37	2.45	2.30	1.83	1.79	1.82	1.69
Nondurable goods industries.....	1.15	1.15	1.15	1.14	0.56	0.58	0.62	0.60
Food and kindred products.....	0.94	0.94	0.96	0.99	(X)	(X)	(X)	(X)
Tobacco products.....	3.86	3.62	3.67	3.56	(X)	(X)	(X)	(X)
Textile mill products.....	1.57	1.60	1.70	1.73	(NA)	(NA)	(NA)	(NA)
Paper and allied products.....	1.39	1.37	1.34	1.35	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products.....	1.36	1.35	1.36	1.29	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.65	0.64	0.58	0.56	(X)	(X)	(X)	(X)
Rubber and plastics products, n.e.c.....	1.61	1.55	1.48	1.49	(X)	(X)	(X)	(X)

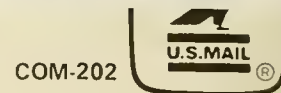
(NA) Not available. ^PPreliminary. ^RRevised. (X) Not applicable.¹Excludes the following industries with no unfilled orders: Wood and lumber products; glass containers; metal cans, barrels, and drums; farm machinery and equipment; motor vehicle assembly operation; other transportation equipment; foods and related products; tobacco; apparel and related products; building paper; die-cut paper and board; chemicals; petroleum and coal products; and rubber and plastics products, n.e.c.

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